

Application Data Sheet

Application Information

Application number::	Not Yet Assigned
Filing Date::	January 2, 2002
Application Type::	Regular
Subject Matter::	Utility
Suggested classification::	None
Suggested Group Art Unit::	None
CD-ROM or CD-R?::	None
Number of CD disks::	
Number of copies of CDs::	
Sequence submission?::	Paper
Computer Readable Form (CRF)?::	
Number of copies of CRF::	
Title::	Continuous Fiber Reinforced Composites and Methods, Apparatuses, and Compositions for Making the Same
Attorney Docket Number::	03248.00042
Request for Early Publication?::	NO
Request for Non-Publication?::	NO
Suggested Drawing Figure::	6
Total Drawing Sheets::	3
Small Entity?::	YES
Latin name::	
Variety denomination name::	
Petition included?::	NO
Petition Type::	
Licensed US Govt. Agency::	National Aeronautics And Space Administration
Contract or Grant Numbers::	NAS8-000192; NAS8-00084; and NAS8-01016
Secrecy Order in Parent Appl.?::	NO

Applicant Information

Applicant Authority Type:: Inventor
Primary Citizenship Country:: India
Status:: Full Capacity
Given Name:: K.
Middle Name:: Ranji
Family Name:: Vaidyanathan
Name Suffix:: Mr.
City of Residence:: Tucson
State or Province of Residence:: Arizona
Country of Residence:: United States of America
Street of mailing address:: 2301 North Sarnoff Drive
City of mailing address:: Tucson
State or Province of mailing address:: Arizona
Country of mailing address:: United States of America
Postal or Zip Code of mailing address:: 85715

Applicant Authority Type:: Inventor
Primary Citizenship Country:: United States of America
Status:: Full Capacity
Given Name:: Joseph
Middle Name::
Family Name:: Walish
Name Suffix:: Mr.
City of Residence:: Miami
State or Province of Residence:: Arizona
Country of Residence:: United States of America
Street of mailing address:: 8 Sotol Loop
City of mailing address:: Miami

20030917 010202

State or Province of mailing address:: Arizona
Country of mailing address:: United States of America
Postal or Zip Code of mailing address:: 85539

Applicant Authority Type:: Inventor
Primary Citizenship Country:: United States of America
Status:: Full Capacity
Given Name:: Mark
Middle Name::
Family Name:: Fox
Name Suffix:: Mr.
City of Residence:: Tucson
State or Province of Residence:: Arizona
Country of Residence:: United States of America
Street of mailing address:: 1419 East Adelaide
City of mailing address:: Tucson
State or Province of mailing address:: Arizona
Country of mailing address:: United States of America
Postal or Zip Code of mailing address:: 85719

Applicant Authority Type:: Inventor
Primary Citizenship Country:: United States of America
Status:: Full Capacity
Given Name:: John
Middle Name:: W.
Family Name:: Gillespie, Jr.
Name Suffix:: Mr.
City of Residence:: Hockessin
State or Province of Residence:: Delaware
Country of Residence:: United States of America

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Street of mailing address:: 106 East Bridle Path
City of mailing address:: Hockessin
State or Province of mailing address:: Delaware
Country of mailing address:: United States of America
Postal or Zip Code of mailing address:: 19707

Applicant Authority Type:: Inventor
Primary Citizenship Country:: India
Status:: Full Capacity
Given Name:: Shridhar
Middle Name::
Family Name:: Yarlagadda
Name Suffix:: Mr.
City of Residence:: Newark
State or Province of Residence:: Delaware
Country of Residence:: United States of America
Street of mailing address:: 24 Sandalwood Drive #10
City of mailing address:: Newark
State or Province of mailing address:: Delaware
Country of mailing address:: United States of America
Postal or Zip Code of mailing address:: 19707

Applicant Authority Type:: Inventor
Primary Citizenship Country:: United States of America
Status:: Full Capacity
Given Name:: Michael
Middle Name:: R.
Family Name:: Effinger
Name Suffix:: Mr.
City of Residence:: Fayetteville

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State or Province of Residence:: Tennessee
Country of Residence:: United States of America
Street of mailing address:: 21 Monks Road
City of mailing address:: Fayetteville
State or Province of mailing address:: Tennessee
Country of mailing address:: United States of America
Postal or Zip Code of mailing address:: 37334

Applicant Authority Type:: Inventor
Primary Citizenship Country:: United States of America
Status:: Full Capacity
Given Name:: Anthony
Middle Name:: C.
Family Name:: Mulligan
Name Suffix:: Mr.
City of Residence:: Tucson
State or Province of Residence:: Arizona
Country of Residence:: United States of America
Street of mailing address:: 7944 Sombrero Peak Road
City of mailing address:: Tucson
State or Province of mailing address:: Arizona
Country of mailing address:: United States of America
Postal or Zip Code of mailing address:: 85743

Applicant Authority Type:: Inventor
Primary Citizenship Country:: United States of America
Status:: Full Capacity
Given Name:: Mark
Middle Name:: J.
Family Name:: Rigali

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Name Suffix:: Mr.
City of Residence:: Tucson
State or Province of Residence:: Arizona
Country of Residence:: United States of America
Street of mailing address:: 517 South Rosemont
City of mailing address:: Tucson
State or Province of mailing address:: Arizona
Country of mailing address:: United States of America
Postal or Zip Code of mailing address:: 85711

Correspondence Information

Correspondence Customer Number:: 22908

Representative Information

Representative Customer Number:: 22908

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application	Non-Provisional	60/259,284	January 2, 2001

Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::

Figure 1 consists of 12 subplots, each showing a time course of a different physiological or behavioral parameter over a 10-minute period. The parameters are labeled (a) through (l). Each plot has a y-axis representing the parameter value and an x-axis representing time in minutes, with markers at 0, 5, and 10. The plots show various trends: (a) HR (b/min) increases from ~100 to ~120; (b) BP (mmHg) increases from ~120 to ~140; (c) RR (1/min) remains stable around 12; (d) SpO2 (%) remains stable around 98; (e) Tactile (°C) increases from ~32 to ~34; (f) Thermal (°C) increases from ~32 to ~34; (g) Thermal (°C) increases from ~32 to ~34; (h) Thermal (°C) increases from ~32 to ~34; (i) Thermal (°C) increases from ~32 to ~34; (j) Thermal (°C) increases from ~32 to ~34; (k) Thermal (°C) increases from ~32 to ~34; (l) Thermal (°C) increases from ~32 to ~34.

Postal or Zip Code of mailing address::